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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/994,802	11/28/2001	Kenneth Liou	CHU 162	8834
7590 12/22/2004				
RABIN & BERDO, P.C. 1101 14th Street, N.W., Suite 500 Washington, DC 20005			EXAMINER TRUONG, CAMQUY	
			ART UNIT 2127	PAPER NUMBER

DATE MAILED: 12/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/994,802

Applicant(s)

LIOU ET AL.

Examiner

Camquy Truong

Art Unit

2127

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

1. Claims 1-3 are presented for examination.
2. It is noted that although the present application does contain line numbers in the specification and claims, the line numbers in the claims do not correspond to the preferred format. The preferred format is to number each line of every claim, with each claim beginning with line 1. For ease of reference by both the examiner and Applicant all future correspondence should include the recommended line numbering.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

3. Claims 1-3 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

A. The following terms lack proper antecedent basis:

- i. The data – claims 1 and 3;
- ii. The input/output – claim 1;
- iii. The preset data – claim 2;
- iv. The computer linked – claim 3.

B. The following claim language is indefinite:

i. As to claims 1-3, the term "LED", "USB" and "LCD" are not described in the specification (i.e. the abbreviation of this term must be expanded).

ii. As to claim 3, the phrase "such as" renders the claim indefinite because it is unclear whether the limitations following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang (U.S. Patent 6,256,398 B1) in the view of Iwaguchi et al (U.S. Patent 5,629,511).

5. As to claim 1, Chang teaches the invention substantially as claimed including: A browser for reading input (col. 23, lines 6-9), comprising:

A reading the input and converting the data into digital signals that is processed by a microprocessor (col. 22, lines 45-51; col. 23, lines 6-18) and

stored into memory or transmitted out to other devices (col. 22, lines 22-25 and lines 49-57; col. 23, lines 44-48);

An indication flashing to indicate the input reading operation is going and stop flashing when the reading is done (col. 22, lines 67-col. 23, lines 2; col.22, lines 39-44);

A keypad to preset and edit the web site addresses to be stored, said keypad also used to preset hot keys for faster web site addresses to access Internet (col. 23, lines 35-39 and lines 57-64; col. 24, lines 6-20 and lines 26-32);

A LCD display displaying the data read from said barcode scans input device and the codes input by said keypad for operation (col. 22, lines 27-29; col. 23, lines 14-16); and

A switch controlling the input/output (col. 23, lines 20-25).

6. Chang does not explicitly teach a barcode scan input device and the LED for indicating the barcode reading operation. In addition, Chang fails to teach a mobile phone output and an USB output interface. However, Iwaguchi teaches a barcode scan input device (col. 2, lines 3-4), the LED for indicating the barcode reading operation (col. 4, lines 30-37), and a mobile phone output and an USB output interface (col.2, lines 18-19).

7. It would have been obvious to one of the ordinary skill in the art at the time the invention was made to combine the teachings of Chang and Iwaguchi

because Iwaguchi's barcode input, a mobile phone output, and a USB output interface would improve the performance of Chang's system by allowing easy reading of input using Barcode.

8. As to claim 2, Chang teaches transmit the preset data to a computer or a printer, and download the edited web site addresses from a computer (col. 23, lines 60-64; col. 24, lines 35-38 and lines 45-50).

9. As to claim 3, Chang teaches:

Web site address decoder: it reads and decodes the data from barcode reader and translates the data into real IP (col. 23, lines 45-51), activates Browser and enter the desired web site, or activates Outlook to see the contents of E-mail (col. 23, lines 57-64; col. 24, lines 47-50);

Web site address editor: it can call other character editors, such as Notepad of Windows, users can edit the web site addresses and store those into the memory of the computer linked to Internet, or print those out in barcode format (col. 22, lines 54-60; col. 24, lines 35-38);

Print: it can print the web addresses from a printer, or in barcode format and have information of the web addresses attached below (col. 22, lines 38-40; col. 24, lines 32-38);

Down-load/up-load web address: it can download the edited web address to the present invention or up-load the web address to computer (col. 24, lines 47-50;

*Conclusion*

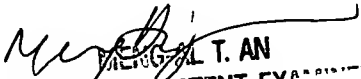
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Camquy Truong whose telephone number is (571) 272-3773. The examiner can normally be reached on 8AM – 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3756.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

Camquy Truong

December 6, 2004

  
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SUPERVISOR, PATENT EXAMINER  
TECHNOLOGY CENTER